RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/840,060
Source: IFW0
Date Processed by STIC: 4/6/05

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IFWO

RAW SEQUENCE LISTING DATE: 04/06/2005
PATENT APPLICATION: **US/10/840,060** TIME: 14:12:52

Input Set : **A:\10-840060 Sequence Listing.txt**
Output Set: **N:\CRF4\04062005\J840060.raw**

<110> APPLICANT: Cyclacel Limited
Deak, Peter
Frenz, Lisa
Glover, David
Midgley, Carol
<120> TITLE OF INVENTION: Cell Cycle Progression Proteins
<130> FILE REFERENCE: 10069/2012
<140> CURRENT APPLICATION NUMBER: US 10/840,060
<141> CURRENT FILING DATE: 2004-05-05
<150> PRIOR APPLICATION NUMBER: PCT/GB02/04780
<151> PRIOR FILING DATE: 2002-10-23
<150> PRIOR APPLICATION NUMBER: GB 0126506.5
<151> PRIOR FILING DATE: 2001-11-05
<150> PRIOR APPLICATION NUMBER: GB 0128384.5
<151> PRIOR FILING DATE: 2001-11-27
<150> PRIOR APPLICATION NUMBER: GB 0203185.4
<151> PRIOR FILING DATE: 2002-02-11
<160> NUMBER OF SEQ ID NOS: 306
<170> SOFTWARE: PatentIn version 3.1
<210> SEQ ID NO: 1
<211> LENGTH: 16
<212> TYPE: PRT
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Penetratin
<400> SEQUENCE: 1
Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15
<210> SEQ ID NO: 2
<211> LENGTH: 23
<212> TYPE: DNA
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: T7 polymerase binding site
<400> SEQUENCE: 2
taatacgact cactataggg aca 23
<210> SEQ ID NO: 3
<211> LENGTH: 48
<212> TYPE: DNA
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primer
<400> SEQUENCE: 3

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115 taatacgact cactataggg agaacggcac ttctttttct tgtcacct                48
118 <210> SEQ ID NO: 4
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122 <212> TYPE: DNA
124 <213> ORGANISM: Artificial sequence
128 <220> FEATURE:
130 <223> OTHER INFORMATION: Primer
132 <400> SEQUENCE: 4
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136 <210> SEQ ID NO: 5
138 <211> LENGTH: 48
140 <212> TYPE: DNA
142 <213> ORGANISM: Artificial sequence
146 <220> FEATURE:
148 <223> OTHER INFORMATION: Primer
150 <400> SEQUENCE: 5
151 taatacgact cactataggg agagaagcgg atcgtttggc gacattta                48
154 <210> SEQ ID NO: 6
156 <211> LENGTH: 48
158 <212> TYPE: DNA
160 <213> ORGANISM: Artificial sequence
164 <220> FEATURE:
166 <223> OTHER INFORMATION: Primer
168 <400> SEQUENCE: 6
169 taatacgact cactataggg agaagatggg cattgatcga ggcatagc                48
172 <210> SEQ ID NO: 7
174 <211> LENGTH: 48
176 <212> TYPE: DNA
178 <213> ORGANISM: Artificial sequence
182 <220> FEATURE:
184 <223> OTHER INFORMATION: Primer
186 <400> SEQUENCE: 7
187 taatacgact cactataggg agatggcaac gagtacatcg accgcata                48
190 <210> SEQ ID NO: 8
192 <211> LENGTH: 48
194 <212> TYPE: DNA
196 <213> ORGANISM: Artificial sequence
200 <220> FEATURE:
202 <223> OTHER INFORMATION: Primer
204 <400> SEQUENCE: 8
205 taatacgact cactataggg agataccttg tctccattgg ccttggtg                48
208 <210> SEQ ID NO: 9
210 <211> LENGTH: 48
212 <212> TYPE: DNA
214 <213> ORGANISM: Artificial sequence
218 <220> FEATURE:
220 <223> OTHER INFORMATION: Primer
222 <400> SEQUENCE: 9
223 taatacgact cactataggg agaccccaag gcgatagata ccacgata                48
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Input Set : A:\10-840060 Sequence Listing.txt
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226 <210> SEQ ID NO: 10
228 <211> LENGTH: 48
230 <212> TYPE: DNA
232 <213> ORGANISM: Artificial sequence
236 <220> FEATURE:
238 <223> OTHER INFORMATION: Primer
240 <400> SEQUENCE: 10
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244 <210> SEQ ID NO: 11
246 <211> LENGTH: 48
248 <212> TYPE: DNA
250 <213> ORGANISM: Artificial sequence
254 <220> FEATURE:
256 <223> OTHER INFORMATION: Primer
258 <400> SEQUENCE: 11
259 taatacgact cactataggg agaggtgaag acgtttcagg cctatcta 48
262 <210> SEQ ID NO: 12
264 <211> LENGTH: 48
266 <212> TYPE: DNA
268 <213> ORGANISM: Artificial sequence
272 <220> FEATURE:
274 <223> OTHER INFORMATION: Primer
276 <400> SEQUENCE: 12
277 taatacgact cactataggg agatcccagc cgttctcctt gatcatgt 48
280 <210> SEQ ID NO: 13
282 <211> LENGTH: 48
284 <212> TYPE: DNA
286 <213> ORGANISM: Artificial sequence
290 <220> FEATURE:
292 <223> OTHER INFORMATION: Primer
294 <400> SEQUENCE: 13
295 taatacgact cactataggg agatatgtgc atccattcga aagacttt 48
298 <210> SEQ ID NO: 14
300 <211> LENGTH: 48
302 <212> TYPE: DNA
304 <213> ORGANISM: Artificial sequence
308 <220> FEATURE:
310 <223> OTHER INFORMATION: Primer
312 <400> SEQUENCE: 14
313 taatacgact cactataggg agaatagggg aggttgttct tagattga 48
316 <210> SEQ ID NO: 15
318 <211> LENGTH: 48
320 <212> TYPE: DNA
322 <213> ORGANISM: Artificial sequence
326 <220> FEATURE:
328 <223> OTHER INFORMATION: Primer
330 <400> SEQUENCE: 15
331 taatacgact cactataggg agatgaaacc atccgagaag aaggccaa 48
334 <210> SEQ ID NO: 16

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Input Set : A:\10-840060 Sequence Listing.txt
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336 <211> LENGTH: 48
338 <212> TYPE: DNA
340 <213> ORGANISM: Artificial sequence
344 <220> FEATURE:
346 <223> OTHER INFORMATION: Primer
348 <400> SEQUENCE: 16
349 taatacgact cactataggg agacagataa tcatcaaatg caggaatc 48
352 <210> SEQ ID NO: 17
354 <211> LENGTH: 53
356 <212> TYPE: DNA
358 <213> ORGANISM: Artificial sequence
362 <220> FEATURE:
364 <223> OTHER INFORMATION: Primer
366 <400> SEQUENCE: 17
367 taatacgact cactataggg agaacggaat gaactatttt ccgaactatt act 53
370 <210> SEQ ID NO: 18
372 <211> LENGTH: 48
374 <212> TYPE: DNA
376 <213> ORGANISM: Artificial sequence
380 <220> FEATURE:
382 <223> OTHER INFORMATION: Primer
384 <400> SEQUENCE: 18
385 taatacgact cactataggg agagatgtac tgactgttgg tgcgcact 48
388 <210> SEQ ID NO: 19
390 <211> LENGTH: 48
392 <212> TYPE: DNA
394 <213> ORGANISM: Artificial sequence
398 <220> FEATURE:
400 <223> OTHER INFORMATION: Primer
402 <400> SEQUENCE: 19
403 taatacgact cactataggg agaatctgta gacagacggc agaattgc 48
406 <210> SEQ ID NO: 20
408 <211> LENGTH: 48
410 <212> TYPE: DNA
412 <213> ORGANISM: Artificial sequence
416 <220> FEATURE:
418 <223> OTHER INFORMATION: Primer
420 <400> SEQUENCE: 20
421 taatacgact cactataggg agacgcaata gcagtacttc catcttgt 48
424 <210> SEQ ID NO: 21
426 <211> LENGTH: 48
428 <212> TYPE: DNA
430 <213> ORGANISM: Artificial sequence
434 <220> FEATURE:
436 <223> OTHER INFORMATION: Primer
438 <400> SEQUENCE: 21
439 taatacgact cactataggg agaattggat tgcgaatcgc tcaggatc 48
442 <210> SEQ ID NO: 22
444 <211> LENGTH: 48

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Input Set : A:\10-840060 Sequence Listing.txt
Output Set: N:\CRF4\04062005\J840060.raw

446 <212> TYPE: DNA
448 <213> ORGANISM: Artificial sequence
452 <220> FEATURE:
454 <223> OTHER INFORMATION: Primer
456 <400> SEQUENCE: 22
457 taatacgact cactataggg agattttcgc gaaggacatc aatatcag 48
460 <210> SEQ ID NO: 23
462 <211> LENGTH: 48
464 <212> TYPE: DNA
466 <213> ORGANISM: Artificial sequence
470 <220> FEATURE:
472 <223> OTHER INFORMATION: Primer
474 <400> SEQUENCE: 23
475 taatacgact cactataggg agaggcctac atcaagaagg agttcgac 48
478 <210> SEQ ID NO: 24
480 <211> LENGTH: 48
482 <212> TYPE: DNA
484 <213> ORGANISM: Artificial sequence
488 <220> FEATURE:
490 <223> OTHER INFORMATION: Primer
492 <400> SEQUENCE: 24
493 taatacgact cactataggg agatggttag ttgtatttgc gaatcttc 48
496 <210> SEQ ID NO: 25
498 <211> LENGTH: 48
500 <212> TYPE: DNA
502 <213> ORGANISM: Artificial sequence
506 <220> FEATURE:
508 <223> OTHER INFORMATION: Primer
510 <400> SEQUENCE: 25
511 taatacgact cactataggg agagttgctg atcgacaaac aaacccag 48
514 <210> SEQ ID NO: 26
516 <211> LENGTH: 48
518 <212> TYPE: DNA
520 <213> ORGANISM: Artificial sequence
524 <220> FEATURE:
526 <223> OTHER INFORMATION: Primer
528 <400> SEQUENCE: 26
529 taatacgact cactataggg agactttcca gatactgcca tctacaga 48
532 <210> SEQ ID NO: 27
534 <211> LENGTH: 48
536 <212> TYPE: DNA
538 <213> ORGANISM: Artificial sequence
542 <220> FEATURE:
544 <223> OTHER INFORMATION: Primer
546 <400> SEQUENCE: 27
547 taatacgact cactataggg agagagtgtc gcgtgtagag gcattctt 48
550 <210> SEQ ID NO: 28
552 <211> LENGTH: 48
554 <212> TYPE: DNA

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/06/2005
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Input Set : A:\10-840060 Sequence Listing.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:104; N Pos. 455,463,466,477,480,481,486,487,490,493,496,498,504,507
Seq#:109; N Pos. 3,8,11,40,41,48,49,66,70,76,78,81,96,100,106,114,120,121
Seq#:109; N Pos. 124,154,176,178,179,185,186,192,197,215,218,235,236,237
Seq#:109; N Pos. 251,256,268,287,294,307,309,310,313,314,320,321,329,333
Seq#:109; N Pos. 334,335,337,339,344,346,350,359,369,370,372,374,375,382
Seq#:109; N Pos. 422,442,443,444,445,453,461,462,463,464,473,475,476,477
Seq#:109; N Pos. 478,479,480,481,486,491,492,494,506,518,540,545,568,569
Seq#:109; N Pos. 574,575,597,609,610,618,623,629,632,640,644,645,650,660
Seq#:109; N Pos. 663,664,667,682,687,688,693,694,695,703,704,719,725,727
Seq#:109; N Pos. 733,734
Seq#:150; N Pos. 565,576,587,590,591
Seq#:192; Xaa Pos. 493
Seq#:281; Xaa Pos. 132,133,134,135,136,137,138,139,140,141,142,143,144,145
Seq#:281; Xaa Pos. 146,287,288,289,290,291,292,293,294,295,296,297,298,299
Seq#:281; Xaa Pos. 300,301,302,303
Seq#:283; Xaa Pos. 64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,104
Seq#:283; Xaa Pos. 105,106,107,108,109,110,111,112,113,114,115,116,117,118
Seq#:283; Xaa Pos. 119,120,121,122,123,124,125,126,127
Seq#:285; Xaa Pos. 48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,88,89
Seq#:285; Xaa Pos. 90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105
Seq#:285; Xaa Pos. 106,107,108,109,110,111
Seq#:291; Xaa Pos. 147,148,149,150,151,152,153,154,155,156,157,158,159,160
Seq#:291; Xaa Pos. 161,302,303,304,305,306,307,308,309,310,311,312,313,314
Seq#:291; Xaa Pos. 315,316,317,318
Seq#:293; Xaa Pos. 65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,105
Seq#:293; Xaa Pos. 106,107,108,109,110,111,112,113,114,115,116,117,118,119
Seq#:293; Xaa Pos. 120,121,122,123,124,125,126,127,128
Seq#:301; Xaa Pos. 47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63
Seq#:306; Xaa Pos. 562

VERIFICATION SUMMARY DATE: 04/06/2005
PATENT APPLICATION: **US/10/840,060** TIME: 14:12:53

Input Set : **A:\10-840060 Sequence Listing.txt**
Output Set: **N:\CRF4\04062005\J840060.raw**

L:4799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:420
M:341 Repeated in SeqNo=104
L:5369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
M:341 Repeated in SeqNo=109
L:9617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:540
L:14662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192 after pos.:480
L:24676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:128
M:341 Repeated in SeqNo=281
L:24947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:48
M:341 Repeated in SeqNo=283
L:25085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:32
M:341 Repeated in SeqNo=285
L:25419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:144
M:341 Repeated in SeqNo=291
L:25689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:64
M:341 Repeated in SeqNo=293
L:26046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:32
M:341 Repeated in SeqNo=301
L:26912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:560